

CURRICULUM VITA

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Education

1996 –1999 Postdoctoral Fellow, Graduate School of Oceanography, Univ. of Rhode Island
1996 Ph.D. in oceanography, Graduate School of Oceanography, University. of Rhode Island
1988 M.S. in marine phycology, Xiamen (Amoy) University, Xiamen, China
1985 B.S. in botany, Xiamen (Amoy) University, Xiamen, China

Professional History

2005-present Research Ecologist, Milford Lab, NOAA Fisherrie
2001-2005 Environmental Analyst, CT Depart. Of Energy and Environmental Protection
1999-2000 Assistant Marine Research Scientist, Univ. of Rhode Island
1996-1999 Postdoctoral Fellow, Graduate School of Oceanography, Univ. of Rhode Island
1991-1996 Graduate Assistant, Graduate School of Oceanography, Univ. of Rhode Island
1995 Graduate Assistant, Marine Science Institute, Univ. of Texas at Austin
1988-1991 Teaching and Research Associate, Jinan Univ., Guangzhou, P.R.China

Publications

e-Booklet

Van Pattern, Peg, Y. Li and G. H. Wikfors. 2012 A Student's Guide to Common Phytoplankton of Long Island Sound. Connecticut Sea Grant College Program 2012.
<http://seagrant.uconn.edu/publications/longislandsound/index.php>.

Peer Reviewed Papers

Li, Y., Meseck, S.L., Dixon, M.S., Rose, J.M., Smith, B.C. & Wikfors, G.H. in print. Short term effects of a commercial eastern oyster nursery upon nutrient and plankton dynamics of a coastal embayment: observations from mesocosm experiments. *Aquaculture Research* doi: 10.1111/are.12358.

- Li, Y., Meseck, S.L., Dixon, M.S., Rivara, K. & Wikfors, G.H. (2012) Temporal variability in phytoplankton removal by a commercial, suspended eastern oyster nursery and effects on local plankton dynamics *Journal of Shellfish Research* 31, 1-13.
- Li, Y., Sunila, I. & Wikfors, G.H. (2011) Bioactive effects of Prorocentrum minimum on juvenile bay scallops (*Argopecten irradians irradians*) are dependent upon algal physiological status. *Botanica Marina* 55, 19-29.
- Li, Y., Veilleux, D.J. & Wikfors, G.H. (2009) Particle removal by Northern bay scallops *Argopecten irradians irradians* in a semi-natural setting: Application of a flow-cytometric technique. *Aquaculture* 296, 237-245.
- Li, Y. & Smayda, T.J. (2001) A chlorophyll time series for Narragansett Bay: assessment of the potential effect of tidal phase on measurement. *Estuaries* 24, 328-336.
- Li, Y. & Smayda, T.J. (2000) Heterosigma akashiwo (Raphidophyceae): On prediction of the week of bloom initiation and maximum during the initial pulse of its bimodal bloom cycle in Narragansett Bay. *Journal of Plankton Biology and Ecology* 47, 80-84.
- Li, Y. & Smayda, T.J. (1998) Temporal variability of chlorophyll in Narragansett Bay, 1973 - 1990. *ICES Journal of Marine Science* 55, 661-667.
- Li, Y., Swift, E. & Buskey, E., L. (1996) Photoinhibition of mechanical stimulable bioluminescence in the heterotrophic dinoflagellate *Protoperidinium depressum* *Journal of Phycology* 32, 974-982.
- Qi, Y., Zhang, J., Hong, Y., Lu, S., Zhu, C. and Li., Y. (2003). Occurrence of red tides on the coasts of China. In T. Smayda and Y. Shimizu (eds.). *Toxic Phytoplankton Blooms in the Sea*. Elsevier, Amsterdam-London-New York-Tokyo. P 43-46.
- Li, Y., Cheng, Zhaodi and Jin, Dexiang. 1991 , New species and records of diatoms from Xiamen Harbor. *Acta Oceanologica Sinica*, Vol.17 (5): 681-685.
- Li, Y, Cheng, Zhaodi and Jin, Dexiang. 1990. Ecological studies on the planktonic diatoms of Xiamen Harbour, Fujian, China. *Journal of Xiamen University*, Vol. 29 (3): 358-359.

Non-peer reviewed papers and theses

- Li, Y., Olsen, Christine, B., Lyman, Matthew, J., Van Heukelem, Laurie, Wikfors, Gary, Miranda, Lilibeth and Lin, Senjie. 2004. Monitoring Phytoplankton in Long Island Sound with HPLC Photopigment Profiles. *Proceedings of the 7th Biennial Long Island Sound Research Conferences*. University of Connecticut. P 45-54.
- Li, Y., C. B. Olsen, P. Stacey and M. J. Lyman. 2003. Temporal and spatial variability of chlorophyll in Long Island Sound. *Proceedings of the Long Island Sound Research Conferences*. University of Connecticut. Groton, CT. P. 41-45.
- Li, Yaqin. 1996. Growth, grazing and bioluminescence of marine heterotrophic dinoflagellates. Ph. D. dissertation. Graduate School of Oceanography, University of Rhode Island. Kingston, Rhode Island.
- Li, Yaqin. 1988. Dynamics of planktonic diatoms in Xiamen Harbor. M.Sc. thesis. In Chinese. Ximen University. Xiamen, China.

Recent Presentations

- Li, Yaqin, Shannon L. Meseck, Mark S. Dixon and Gary H. Wikfors. 2013. Light limitation of primary productivity in the high-nutrient, low-chlorophyll *a* East River tidal strait, New York City, New York. 22nd Biennial Conference of the Coastal and Estuarine Research Federation. 3-7 November 2013. San Diego, California.
- Li, Yaqin, Helen Hegaret and Gary H. Wikfors. 2012. Protein profiles of parasite infected Manila clams *Ruditapes philippinarum* exposed to the harmful alga *Karenia selliformis* as revealed by Protein chip technology. *National Shellfisheries Association Annual Meeting*. Seattle, Washington. March 2012.
- Li, Yaqin, Meseck, S. L., Dixon, M. S.; Julie M. Rose, Barry Smith, April Croxton, Karen Rivara and Gary H. Wikfors. 2012. Temporal variability of *in situ* oyster feeding and its effect on local plankton dynamics. 32nd Milford Aquaculture Seminar. Westbrook, CT.
- Li, Yaqin "Judy". 2012. Natural phytoplankton as shellfish food. *Milford Microalgal Workshop*. Milford, CT. January 2012.
- Li, Yaqin, Ghazala Siddiqui and Gary H. Wikfors. 2011. Determination of sex and gonadal development of Eastern oysters *Crassostrea virginica* Gmelin through protein profiles of hemolymph by SELDI-TOF-MS technology. *National Shellfisheries Association Annual Meeting*. March 27-31, 2011, Baltimore, Maryland.
- Yaqin Li, Gary H. Wikfors, Karen Rivara, April N. Croxton, Mark S. Dixon, Shannon L. Meseck¹, Barry C. Smith. 2011. Quantifying ecosystem interactions of a flupsy oyster nursery in a highly-productive Peconic estuary embayment: Variabilities in oysters' phytoplankton clearance rates. *The Smayda Festschrift – A symposium in celebration of five decades of contributions to plankton ecology by Ted Smayda*. June 23–24, 2011, Narragansett, Rhode Island.
- Li, Yaqin "Judy". 2011. Natural phytoplankton as shellfish food. *Milford Microalgal Workshop*. Milford, CT.
- Li, Yaqin, Gary H. Wikfors, Shannon L. Meseck, Karen Rivara, Mark S. Dixon, Julie M. Rose, Barry C. Smith, April N. Croxton, Jennifer Alix and M. Soledad Fuentes. 2010. Quantifying the ecological interactions of a commercial oyster nursery: observations from mesocosms. 30th Milford Aquaculture Seminar, Shelton, CT.
- Li, Yaqin, Inke Sunila, Gary H. Wikfors. 2010. Bioactive effects of *Prorocentrum minimum* on juvenile bay scallops (*Argopecten irradians irradians*) are dependent upon algal physiological status. *Annual meeting of the Phycological Society of America*. Michigan State University, East Lansing, Michigan.
- Dixon MS, Li Y, Croxton AN, Alix J, Fuentes S, Meseck SL, Milke L, Rose JM, Smith BC, Wikfors GH, Rivara K. 2010. co-presented by Dixon, Li and Croxton, Quantifying ecosystem interactions of a FLUPSY-based oyster nursery. *NOAA Brown Bag Seminar*; 2010 May 11; Silver Springs, MD.

Professional Affiliations

- Member, Phycological society of America
Member, National shellfish Association

Professional Services

Panelist, USDA National Food and Agriculture Institution, Aquaculture Panel, 2012 and 2013.

Committee member, Fisheries and Aquaculture subcommittee, Ecosystem Indicator Partnership, The Gulf of Maine Council on the Marine Environment, 2010 – present,
Co-Chair, special session “Bio-optical techniques for *in situ* plankton research – Where are we now? “ CERF (Coastal and Estuarine Research Federation) 2013, San Diego, CA.

Student Interns mentored:

Mathilde deSolminihac, Aurélie Delong, Goulwen de Kermoysan